

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND claims 1 and 4-7 and ADD new claims 8-14 in accordance with the following:

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1. (CURRENTLY AMENDED) A plasma display panel comprising:
scan electrodes ~~for selecting~~ to select a row of a matrix display;
data electrodes ~~for selecting~~ to select a column;
a partition ~~for defining~~ to define a discharge space at least for each column;
k ($k \geq 2$) of the data electrodes being arranged for each column of the matrix display, the data electrode being continuous from one end of the column to ~~the~~ another end thereof;
all the scan electrodes within a display screen being classified into k groups, one of the k groups being assigned to k data electrodes in each column; and
each of the data electrodes being crossed with or opposed to scan electrodes, belonging to the group that is assigned to the data electrode such that the data electrode, having portions thereof crossed with or opposed to one of the scan electrodes belonging to the assigned group, does not without overlapping a partition and the data electrode, having other portions thereof crossed with or opposed to other scan electrodes belonging to the assigned group, does overlap with overlapping the partition.

2. (ORIGINAL) The plasma display panel according to claim 1, wherein k of the scan electrodes, each of which is selected from each of the k groups within the display screen, are connected electrically.

3. (ORIGINAL) The plasma display panel according to claim 1, wherein both ends of all data electrodes are led out of a sealing member that surrounds the display screen so as to close the discharge space.

4. (CURRENTLY AMENDED) The plasma display panel according to claim 1, wherein

each of the data electrodes is widened locally in a plan view at the portions being crossed with or opposed to scan electrodes belonging to the group that is assigned to the data electrode.

5. (CURRENTLY AMENDED) A method of driving a plasma display panel having scan electrodes ~~to select~~for selecting a row of a matrix display, data electrodes ~~to select~~for selecting a column, and a partition ~~to define~~for defining a discharge space at least for each column, ~~the method comprising the steps of:~~

arranging k ($k \geq 2$) data electrodes for each column of the matrix display, the data electrode being continuous from the first end of the column to the second end of the column in ~~the column direction;~~

classifying all the scan electrodes within a display screen into k groups, and assigning one of the k groups to k data electrodes in each column;

setting each data electrode to cross or oppose scan electrodes, belonging to the group that is assigned to the data electrode such that the data electrode, having portions thereof set to cross or oppose one of the scan electrodes belonging to the assigned group, does not overlap without overlapping a partition and the data electrode, having other portions thereof set to cross with or oppose other scan electrodes belonging to the assigned group, does overlap with overlapping the partition;

connecting electrically k of the scan electrodes each of which is selected from each of the k groups within the display screen; and

selecting simultaneously k rows corresponding to the scan electrodes connected electrically when potentials of the scan electrodes and data electrodes are controlled in accordance with display contents for addressing.

6. (CURRENTLY AMENDED) The method according to claim 5, wherein the selecting comprises: ~~step includes the step of~~

selecting k rows from one end of ~~the row arrangement to the~~ another end thereof; and

setting different potentials for the data electrode corresponding to a row that is closest to the second end of the column and the data electrode corresponding to a row that is closest to the first end of the column among the k rows to be selected simultaneously.

7. (CURRENTLY AMENDED) A plasma display panel comprising:

a pair of substrates defining a discharge space;

scan electrodes arranged on one of the substrates for row selection of a matrix display;
data electrodes arranged on ~~the other~~ a second one of substrates for column selection of
a matrix display, two of the data electrodes are arranged for each column; and
a barrier provided at ~~the~~ the portion of the second one of the substrates corresponding to
the data electrodes to prevent for preventing discharge between respective ones of the data
electrodes and of the scan electrodes so as to make each of the two data electrodes
interactable with the scan electrodes ~~valid and not interactable with the scan electrodes, invalid~~
alternately, for a predetermined number of rows.

8. (NEW) A plasma display panel comprising:

a plurality of scan electrodes to select respective rows of a matrix display;

a plurality of data electrodes to select respective columns of the matrix display;

a plurality of partitions to define discharge spaces at least for each column;

the plurality of data electrodes being divided into sets of a common number of the data
electrodes, each of the sets of the common number of the data electrodes being arranged to
interact in a respective column, each of the data electrodes being continuous from one end of
the column to another end thereof;

the plurality of scan electrodes being arranged into a plurality of groups such that
individual data electrodes of each of the sets are arranged to interact with a respective one of
the scan electrodes in each of the groups; and

the individual data electrodes of each of the sets being crossed with or opposed to the
respective one of the scan electrodes in each of the groups, and at portions crossed with or
opposed to the respective one of the scan electrodes does not overlap a respective partition and
the individual data electrodes of each of the sets being crossed with or opposed to remaining
ones of the scan electrodes in each of the groups, and at other portions crossed with or opposed
to the other scan electrodes overlaps the respective partition.

9. (NEW) The plasma display panel according to claim 8, wherein the scan electrodes in
each of the groups are connected electrically.

10. (NEW) The plasma display panel according to claim 8, wherein both ends of all data
electrodes are led out of a sealing member that surrounds the display screen so as to close the
discharge space.

11. (NEW) The plasma display panel according to claim 8, wherein the individual data electrodes of each of the sets is wider at the portions being crossed with or opposed to the respective one of the scan electrodes in each of the respective groups which do not overlap the respective partition.

12. (NEW) A method of driving a plasma display panel having a plurality of scan electrodes to select respective rows of a matrix display, a plurality of data electrodes to select respective columns of the matrix display, a plurality of partitions to define discharge spaces at least for each column, comprising:

dividing the plurality of data electrodes into sets of a common number of the data electrodes;

arranging each of the sets of the common number of the data electrodes to interact in a respective column, each of the data electrodes being continuous from the first end of the column to the second end of the column;

arranging the plurality of scan electrodes into a plurality of groups such that individual data electrodes of each of the sets are arranged to interact with a respective one of the scan electrodes in each of the groups;

crossing or opposing the individual data electrodes of each of the sets with a respective one of the scan electrodes in each of the groups, and at portions, crossing or opposing the individual data electrodes of each of the sets with the respective one of the scan electrodes in each of the groups, the respective one of the scan electrodes does not overlap a respective partition;

crossing or opposing the individual data electrodes of each of the sets with remaining respective ones of the scan electrodes in each of the groups and at other portions, crossing or opposing the individual data electrodes of each of the sets with the remaining respective ones of the scan electrodes in each of the groups, the respective remaining respective ones of the scan electrodes overlap the respective partition;

connecting electrically the scan electrodes in each of the groups; and

selecting simultaneously rows corresponding to the scan electrodes connected electrically when potentials of the scan electrodes and data electrodes are controlled in accordance with display contents for addressing.

13. (NEW) The method according to claim 12, wherein the selecting comprises:
selecting a number of rows in accordance with the common number of the data
electrodes; and
setting different potentials for a data electrode corresponding to a row that is closest to
the second end of the column and the data electrode corresponding to a row that is closest to
the first end of the column from among the rows selected simultaneously.

14. (NEW) A plasma display panel comprising:
a pair of substrates defining a discharge space;
scan electrodes arranged on one of the substrates for row selection of a matrix display;
data electrodes arranged on a second one of substrates for column selection of a matrix
display, a pair of two of the data electrodes being arranged for each column; and
barriers provided at respective portions of the second one of the substrates
corresponding to each of the pairs of the data electrodes to prevent discharging at a respective
one or ones of the two or more of the data electrodes in each of the columns such that for each
column of the display panel discharge is prevented alternately in successive rows.

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